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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 05 71 9530

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
R1 A	US 2003/230649 A1 (NAGAOKA TAKAHIRO [JP] ET AL) 18 December 2003 (2003-12-18) * page 2, paragraph 18; figure 2 *	1-3	INV. F02M51/06
R2 A	US 5 232 166 A (REITER FERDINAND [DE]) 3 August 1993 (1993-08-03) * column 2, lines 39-61; figure 1 *	1-3	
R3 A	JP 2002 004013 A (KEIHIN CORP) 9 January 2002 (2002-01-09) * abstract *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			F02M
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 5 March 2007	Examiner Etschmann, Georg
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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05-03-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003230649 A1	18-12-2003	JP 2003206820 A	25-07-2003
US 5232166 A	03-08-1993	DE 4113682 A1	29-10-1992
		JP 3148346 B2	19-03-2001
		JP 5141323 A	08-06-1993
JP 2002004013 A	09-01-2002	NONE	